



# Grease Guardian<sup>®</sup>

Frontline Engineering

*"My mind is at rest with Grease Guardian"*

MARK SIMMONS  
CHEF



## UNDER SINK AUTOMATIC GREASE REMOVAL UNIT

Stainless steel fabrication

Intelligent design

Removes 99% of grease

Quality-assured and approved globally

Easy to install and maintain

Full customer support

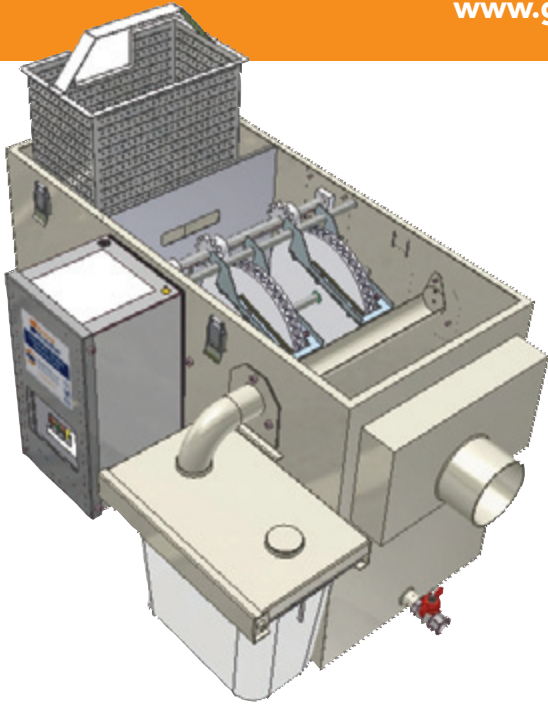


BS EN ISO 9001:2008



www.fmenvironmental.com





## THREE-STAGE OPERATION SYSTEM

### STAGE 1 Solids Collection

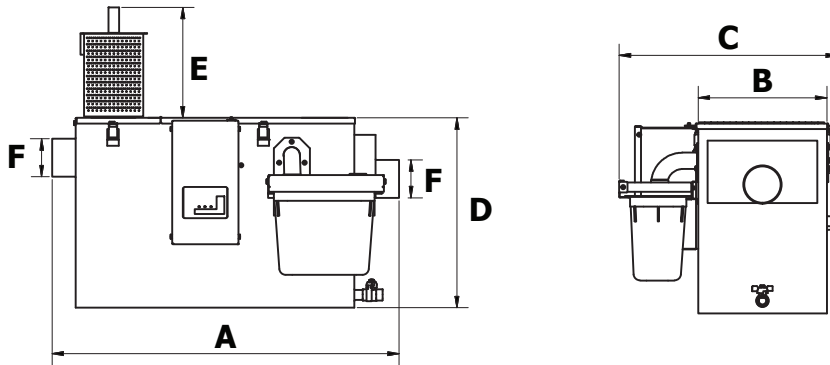
Wastewater from the kitchen is directed through the inlet of the **Grease Guardian**® where a removable strainer basket collects any solid debris.

### STAGE 2 Grease & Oil Separation

Grease in the wastewater floats to the surface and is trapped while the clear water leaves the unit and enters the drainage system.

### STAGE 3 Self Cleaning & Grease Removal

The timer-driven heating element is activated to liquefy grease, which is then removed by the skimming wheel and deposited into a portable container for recycling. Can be connected to: Pot wash sinks, pre-rinse sinks, combi ovens, Chinese cookers and floor drains



Model	Length (A) INCLUDES INLET & OUTLET	Width (B) MAIN TANK	Width (C) INCLUDING GREASE COLLECTION CONTAINER	Height (D) WITH LID CLOSED CLEARANCE NEEDED	Basket (E) CLEARANCE NEEDED	Inlet/Outlet (F)	Max Flow
D1	640	310	515	330	200	60	0.75l/s
D2	720	310	515	410	240	60	1.25 l/s
D3	840	310	620	450	270	90	1.75 l/s
D4	890	310	620	450	270	115	2.25 l/s
D5	1420	310	670	560	390	115	3.50 l/s

ALL DIMENSIONS IN MM

Specification: Automatic grease trap with inbuilt grease skimming mechanism. 16 Gauge 304 Stainless Steel, 25 watt motor. 600 W heater D1-D2; 1.0kw heating element D3-D4; 2 x 1.0 KW heater D5. Programmable digital timer, 230V 50Hz as standard. 110V 60Hz also available. Each wheel skims 2kg of free floating grease per hour. Left-to-right or right-to-left handling of unit to suit preferred flow direction.

For invert levels please contact your local supplier.

Authorised distributor:



#### Manufacturers

FM Environmental  
Greenbank Industrial Estate  
Newry BT34 2QX  
Northern Ireland  
T: +44(0)28 302 66616  
F: +44(0)28 302 63233  
E: sales@greaseguardian.com  
[www.fmenvironmental.com](http://www.fmenvironmental.com)

#### Malta

FM Environmental (Malta) Ltd  
Water Technology House  
A15B Industrial Estate  
Marsa, Malta  
T: +356 2122 6172  
F: +356 2122 6171  
E: fmmalta@fmenvironmental.com  
[www.fmenvironmental.com](http://www.fmenvironmental.com)

